

| FORM PTO-1449 (Modified)<br>LIST OF PATENTS AND PUBLICATIONS FOR<br>APPLICANT'S INFORMATION DISCLOSURE<br>STATEMENT (Use several sheets if necessary) |  |                       | Attorney Docket No.: 18062L-000110US | Application No.: 09/649,272 |           |                                 |
|---|--|-----------------------|--------------------------------------|-----------------------------|-----------|---------------------------------|
|   |  |                       | Applicant: PETER C. SIMPSON et al.   |                             |           |                                 |
|   |  |                       | Filing Date: 08/28/00                | Group: 1753                 |           |                                 |
| Reference Designation   |  | U.S. PATENT DOCUMENTS |                                      |                             | Page 1    |                                 |
| Examiner Initial  | Document No.   | Date                  | Name                                 | Class                       | Sub-class | Filing Date<br>(If Appropriate) |
| AA  | 5,325,889  | 07/1994               | Paul et al.                          |                             |           |                                 |
| AB  | 5,585,069  | 12/1996               | Zanzucchi et al.                     |                             |           |                                 |
| AC  | 5,599,432  | 02/1997               | Manz et al.                          |                             |           |                                 |
| AD  | 5,605,662  | 02/1997               | Heller et al.                        |                             |           |                                 |
| AE  | 5,750,015  | 05/1998               | Soane et al.                         |                             |           |                                 |
| AF  | 5,757,482  | 5/1998                | Fuchs et al.                         |                             |           |                                 |
| AG  | 5,800,690  | 09/1998               | Chow et al.                          |                             |           |                                 |
| AH  | 5,858,195  | 01/1999               | Ramsey                               |                             |           |                                 |
| AI  | 5,976,336  | 11/1999               | Dubrow et al.                        |                             |           |                                 |
| AJ  | 6,001,229  | 12/1999               | Ramsey                               |                             |           |                                 |
| AK  | 6,001,231  | 12/1999               | Kopf-Sill                            |                             |           |                                 |
| AL  | 6,010,607  | 01/2000               | Ramsey                               |                             |           |                                 |
| AM  | 6,010,608  | 01/2000               | Ramsey                               |                             |           |                                 |
| AN  | 6,033,546  | 3/2000                | Ramsey                               |                             |           |                                 |
| FOREIGN PATENT DOCUMENTS  |  |                       |                                      |                             |           |                                 |
|   | Document No.   | Date                  | Country                              | Class                       | Sub-class | Translation<br>(Yes/No)         |
| AO  | WO 98/52691  | 11/1998               | PCT                                  |                             |           |                                 |
| AP  | WO 96/04547  | 2/1996                | PCT                                  |                             |           |                                 |
| AQ  | WO 96/35810  | 11/1996               | PCT                                  |                             |           |                                 |
| AR  | WO 96/42013  | 12/1996               | PCT                                  |                             |           |                                 |
| AS  | 0 665 430  | 08/1995               | EP                                   |                             |           |                                 |
| OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)  |  |                       |                                      |                             |           |                                 |
| AT  | C. Alexay et al., "Fluorescence scanner employing a Macro Scanning Objective," <i>SPIE</i> vol. 2705, 4/1996, pp. 63-72.   |                       |                                      |                             |           |                                 |
| AU  | Bartosiewicz et al., "Implementation of a capillary array electrophoresis instrument," <i>ISC Technical Publications, Inc.</i> 2/96, pp. 61-68.  |                       |                                      |                             |           |                                 |
| AV  | Chee et al., "Accessing Genetic Information with High-Density DNA Arrays," <i>Science</i> vo. 274, 10/25/96, pp. 610-614.  |                       |                                      |                             |           |                                 |
| AW  | Clark et al., "High-Speed Parallel Separation of DNA Restriction Fragments Using Capillary Array Electrophoresis, <i>Anal. Biochemistry</i> 215, 1993, pp. 163-170.  |                       |                                      |                             |           |                                 |
| AX  | Clark et al., "Multiplex dsDNA Fragment Sizing Using Dimeric Intercalation Dyes and Capillary Array Electrophoresis: Ionic Effects on the Stability and Electrophoretic of DNA-Dye Complexes," <i>Analytical Chemistry</i> , vol. 69, no. 7, pp. 1355, 4/1/97. |                       |                                      |                             |           |                                 |
| AY  | Cohen et al., "Separation and analysis of DNA sequence reaction products by capillary gel electrophoresis," <i>Journal of Chromatography</i> , 516, 1990, pp. 49-60.   |                       |                                      |                             |           |                                 |
| AZ  | Drossman et al., "High-Speed Separations of DNA Sequencing Reactions by Capillary Electrophoresis," <i>Anal. Chem.</i> vol. 62, 1990 pp. 900-903.  |                       |                                      |                             |           |                                 |



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| BA  | Effenhauser et al., "Glass Chips for High-Speed Capillary Electrophoresis Separations with Submicrometer Plate Heights," <i>Anal. Chem.</i> , vol. 65, 1993, pp. 2637-2642.  |   |  |
| BB  | Effenhauser et al., "High-Speed Separation of Antisense Oligonucleotides on a Micromachined Capillary Electrophoresis Device," <i>Anal. Chem.</i> , vol. 66, 1994, pp. 2949-2953.                                  |   |  |
| BC  | Feder et al., "A novel MHC class I-Like gene is mutated in patients with hereditary haemochromatosis," <i>Nature Genetics</i> , vol. 13, 8/1996, pp. 399-408.  |   |  |
| BD  | Glazer et al., "Energy-transfer fluorescent reagents for DNA analyses," <i>Anal. Biotech.</i> , 1997, pp. 94-102.  |   |  |
| BE  | Harrison et al., "Capillary Electrophoresis and Sample Injection Systems Integrated on a Planar Glass Chip," <i>Anal. Chem.</i> , vol. 64, 1992, pp. 1926-1932.  |   |  |
| BF  | Harrison et al., "Micromachining a Miniaturized Capillary Electrophoresis-Based Chemical Analysis System on a Chip," <i>Science</i> , vol. 261, 8/13/93, pp. 895-897.  |   |  |
| BG  | S. Hjerten, "Elimination of Electroendosmosis and Solute Adsorption," <i>Journal of Chromatography</i> , 347, 1985, pp. 191-198.   |   |  |
| BH  | Huang et al., "Capillary Array Electrophoresis Using Laser-Excited Confocal Fluorescence Detection," <i>Anal. Chem.</i> , vol. 64, 1992, pp. 968-972.  |   |  |
| BI  | Huang et al., "DNA Sequencing Using Capillary Array Electrophoresis," <i>Anal. Chem.</i> , vol. 64, 1992, pp. 2149-2154.   |   |  |
| BJ  | Jacobson et al., "Microchip Capillary Electrophoresis with an Integrated Postcolumn Reactor," <i>Anal. Chem.</i> , vol. 66, 1994, pp. 3472-3476.   |   |  |
| BK  | Jacobson et al., "Integrated Microdevice for DNA Restriction Fragment Analysis," <i>Anal. Chem.</i> , vol. 68, 1996, pp. 720-723.  |   |  |
| BL  | Kheterpal et al., "DNA sequencing using a four-color confocal fluorescence capillary array scanner," <i>Electrophoresis</i> , vol. 17, 1996, pp. 1852-1859.  |   |  |
| BM  | Kostichka et al., "High speed automated DNA sequencing in ultrathin slab gels," <i>Biotechnology</i> , vol. 10, 1/92, pp. 78-81.   |   |  |
| BN  | Landers et al., "Capillary Electrophoresis: A Powerful Microanalytical Technique for Biologically Active Molecules," <i>Biotechniques</i> , vol. 14, no. 1, 1993, pp. 98-111.                                      |   |  |
| BO  | Li et al., "Transport, Manipulation, and Reaction of Biological Cells On-Chip Using Electrokinetic Effects," <i>Anal. Chem.</i> , vol. 69, 1997, pp. 1564-1568.  |   |  |
| BP  | Manz et al., "Capillary electrophoresis on a chip," <i>Journal of Chromatography</i> , 593, 1992, pp. 253-258.   |   |  |
| BQ  | Merrywether et al., "Global prevalence of putative haemochromatosis mutations," <i>Med Genet</i> , 1997, pp. 275-278.  |   |  |
| BR  | Miller et al., "A simple salting out procedure for extracting DNA from human nucleated cells," <i>Nucleated Acids Research</i> , vol. 6, no. 3, 1998, pg. 1215.  |   |  |
| BS  | Scriver, M.D. et al., "The metabolic and molecular bases of inherited disease," <i>Chemochromatosis</i> , chapter 69, 1995, pp. 2237-2268.   |   |  |
| BT  | G.F. Sensabaugh, "Commentary," <i>Blood Cells, Molecules, and Diseases</i> , 22, 8/31/1996, pp. 194a-194b.   |   |  |
| BU  | Simpson et al., "Microfabrication Technology for the Production of Capillary Array Electrophoresis Chips," <i>Department of Chemistry, University of CA, Berkeley</i> , pp. 15. (No date provided.)                |   |  |
| BV  | Simpson et al., "High-throughput genetic analysis using microfabricated 96-sample capillary array electrophoresis microplates," <i>Proc. Natl. Acad. Sci. USA</i> , vol. 95, pp. 2256-2261, 3/1998, pp. 2256-2261. |   |  |
| BW  | Swerdlow et al., "Capillary gel electrophoresis for rapid, high resolution DNA sequencing," <i>Nucleic Acids Research</i> vol. 18, no. 6, 1990 Oxford University Press, pp. 1415-1419.                             |   |  |
| BX  | Takahashi et al., "Multiple Sheath-Flow Gel Capillary-Array Electrophoresis for Multicolor Fluorescent DNA Detection," <i>Anal. Chem.</i> 1994, 66, pp. 1021-1026.   |   |  |
| BY  | Ueno et al., "Simultaneous Monitoring of DNA Fragments Separated by Electrophoresis in a Multiplexed Array of 100 Capillaries," <i>Anal. Chem.</i> 66, 1994, pp. 1424-1431.  |   |  |

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|   |  | Filing Date: 08/28/00                | Group: 1753                 |
| BZ  | Wang et al., "High-resolution capillary array electrophoretic sizing of multiplexed short tandem repeat loci using energy-transfer fluorescent primers," <i>Electrophoresis</i> , 17, 1996, pp. 1485-1490. |                                      |                             |
| CA  | Wang et al., "Microsatellite-based cancer detection using capillary array electrophoresis and energy-transfer fluorescent primers," <i>Electrophoresis</i> , 18, 1997, pp. 1742-1749.                      |                                      |                             |
| CB  | Woolley et al., Ultra-high-speed DNA fragment separations using microfabricated capillary array electrophoresis chips," <i>Proc. Natl. Acad. Sci. USA</i> . vol. 91, 11/1994, pp. 11348-11352.             |                                      |                             |
| CC  | Wolley et al., "Ultra-high-speed DNA sequencing using capillary electrophoresis chips," <i>Anal. Chem.</i> , 67, 1995, pp. 3676-3680.  |                                      |                             |
| CD  | Wolley et al., "Functional Integration of PCR Amplification and Capillary Electrophoresis in a Microfabricated DNA Analysis Device," <i>Anal. Chem.</i> , 12/1996 vol. 68, no. 23, pp. 4081-4086.          |                                      |                             |
| CE  | Wolley et al., "High-speed DNA genotyping using microfabricated capillary array electrophoresis chips," <i>Anal. Chem.</i> , 06/1997 vol. 69, no. 11, pp. 2181-2186.                                       |                                      |                             |
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